

COVID-19 Cases Among Children and Youth in Washington

Washington State Department of Health

May 11, 2022



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The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.

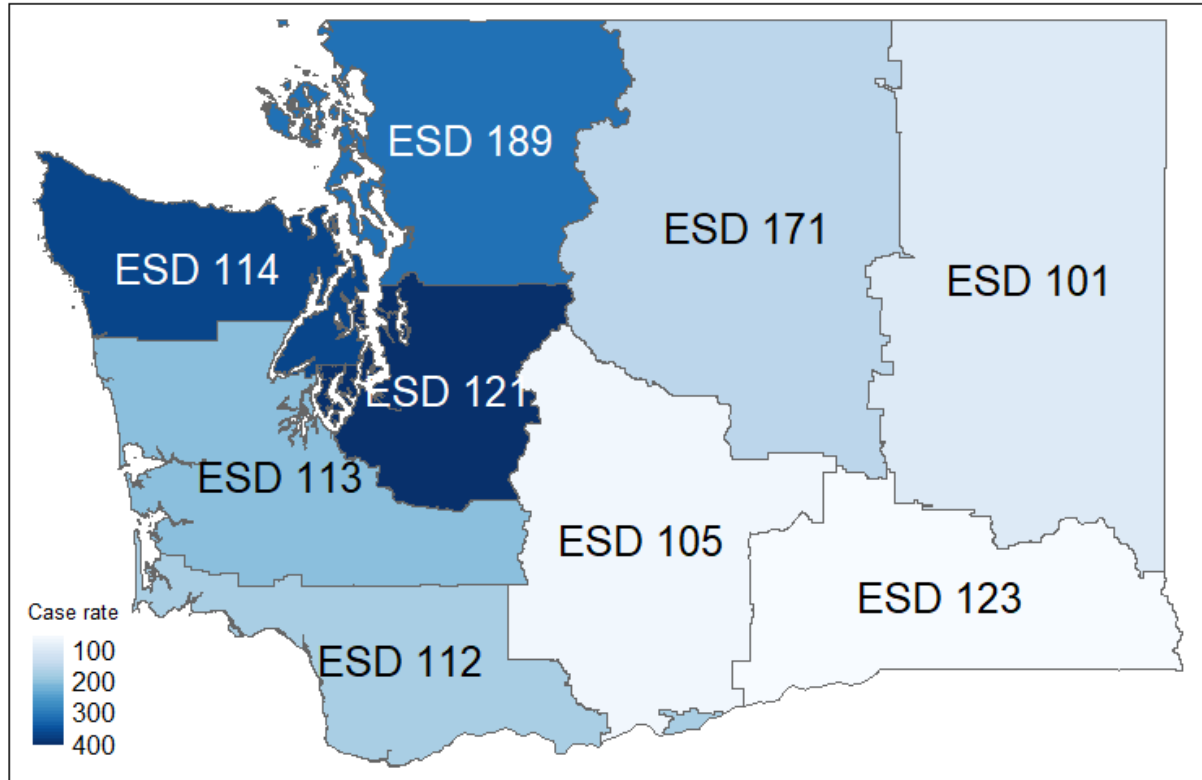
Key findings

- Among children and youth in Washington state from April 17, 2022 to May 01, 2022:
 - there were 5,249 cases (278.4 cases per 100,000 population)
 - case rates are continuing to increase
 - the highest case rates were in ESD 121 Washington
 - 11-13 year-olds had the highest case rates (308.4 cases per 100,000 population)
 - there were 41 hospitalizations (2.2 hospitalizations per 100,000 population)
 - hospitalization rates are increasing
- There have been a total of 16 deaths in all children and youth in Washington state reported January 1, 2021 to May 01, 2022

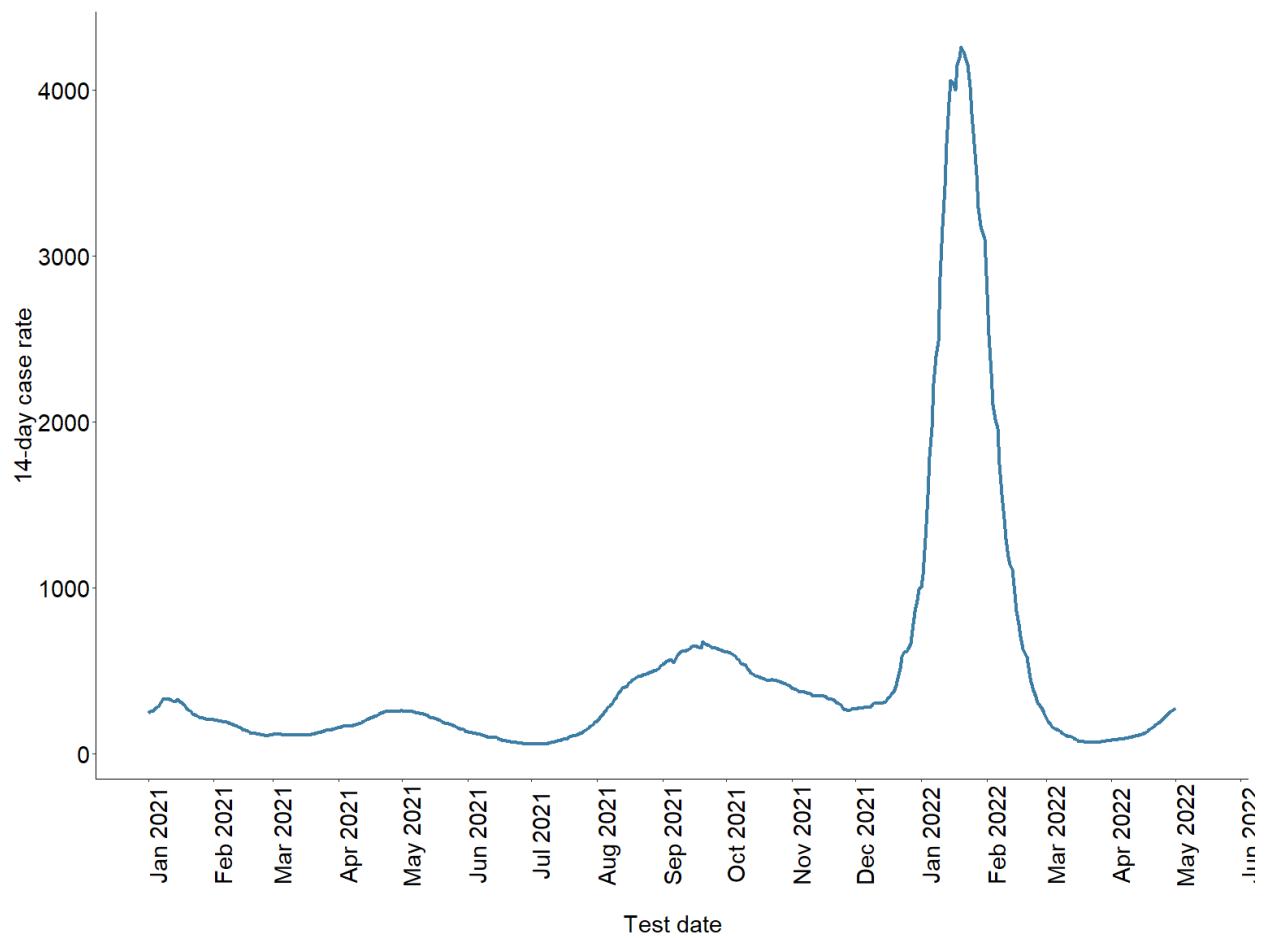
Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, April 17, 2022 - May 01, 2022

ESD	Population	Case count	Case rate
ESD 101	168,583	168	99.7
ESD 105	105,235	68	64.6
ESD 112	162,085	283	174.6
ESD 113	119,629	243	203.1
ESD 114	78,966	296	374.8
ESD 121	769,804	3,105	403.3
ESD 123	120,595	64	53.1
ESD 171	67,904	104	153.2
ESD 189	292,760	918	313.6
State total	1,885,561	5,249	278.4

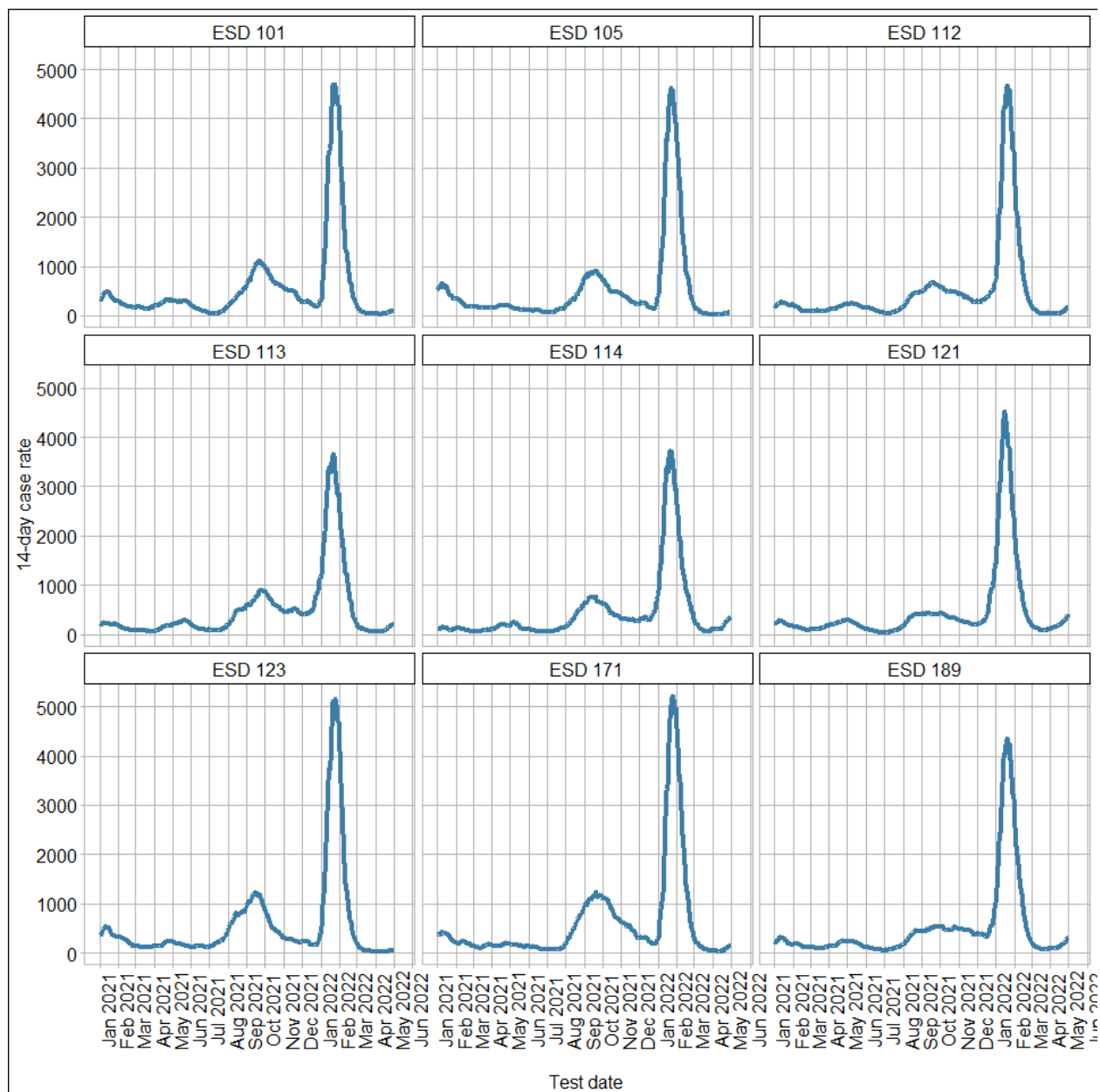
COVID-19 case rate per 100,000 population in all children and youth by ESD region, April 17, 2022 to May 01, 2022



14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to May 01, 2022



14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2021 to May 01, 2022



* The underlying data for this graph are available in an excel spreadsheet on the DOH dashboard site

Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, April 17, 2022 - May 01, 2022

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	34	115.4	67	120.6	21	85.1	46	78.1
ESD 105	10	50.9	26	69.2	7	42.5	25	79.2
ESD 112	54	185.3	81	140.1	72	270.6	76	156.6
ESD 113	40	182.7	76	180.7	43	224.0	84	230.2
ESD 114	31	191.7	98	346.4	52	430.2	115	513.0
ESD 121	537	350.7	1,193	432.9	518	443.7	857	382.0
ESD 123	9	39.7	20	46.3	14	73.5	21	58.9
ESD 171	9	71.2	47	190.6	18	162.7	30	153.5
ESD 189	161	287.0	368	354.5	154	337.2	235	269.6
State total	885	245.3	1,976	295.6	899	308.4	1,489	263.7

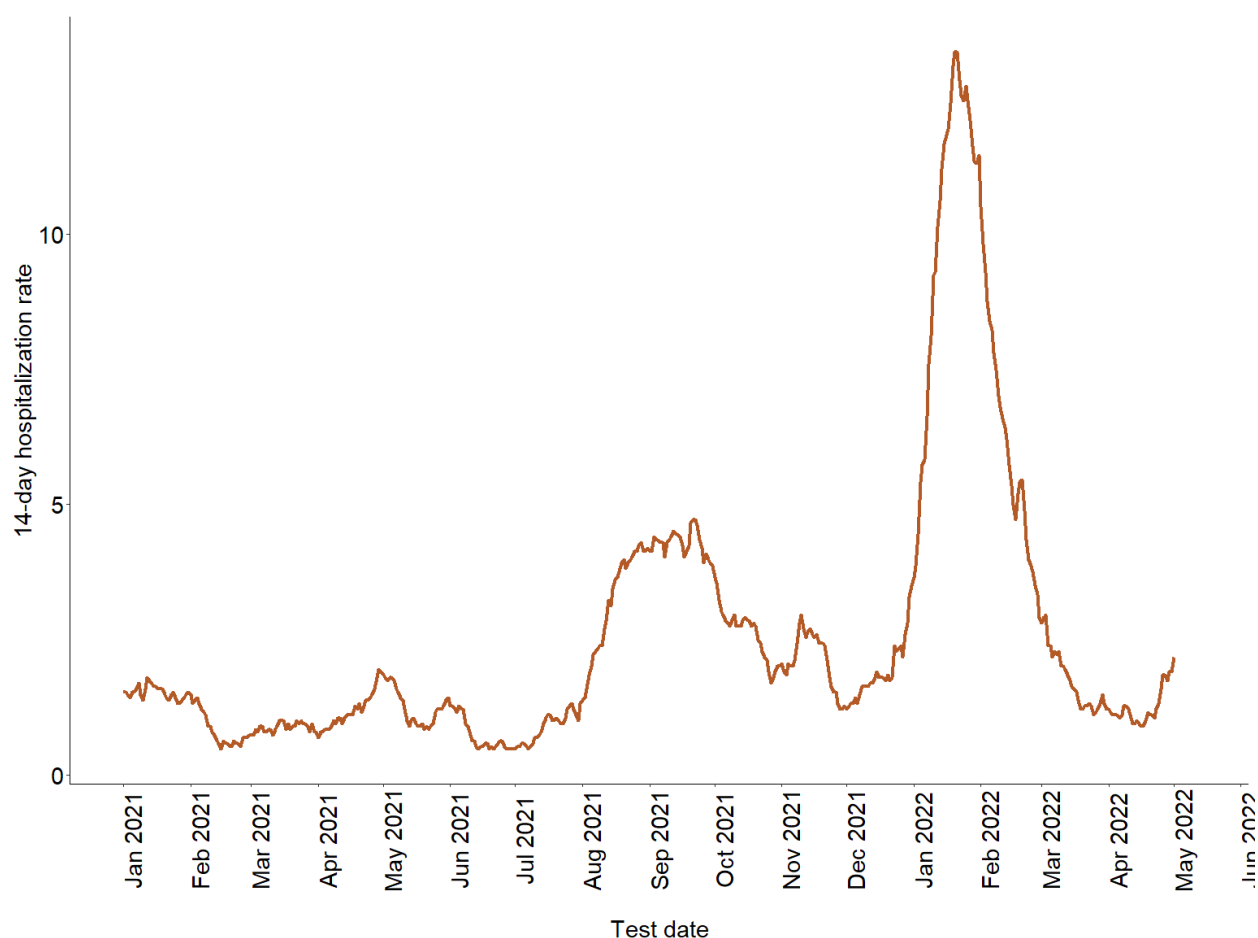
COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, April 17, 2022 - May 01, 2022



COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, April 17, 2022 - May 01, 2022

Population	Hospitalization count	Hospitalization rate
1,885,561	41	2.2

14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to May 01, 2022



* The underlying data for this graph are available in an excel spreadsheet on the DOH dashboard site

Methods

Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, April 17, 2022 - May 01, 2022.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between April 17, 2022 - May 01, 2022. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.